

# QUILLAYUTE – QUILLAYUTE/BOGACHIEL FALL CHINOOK

## STOCK STATUS

**1992 STATUS**

**Healthy**

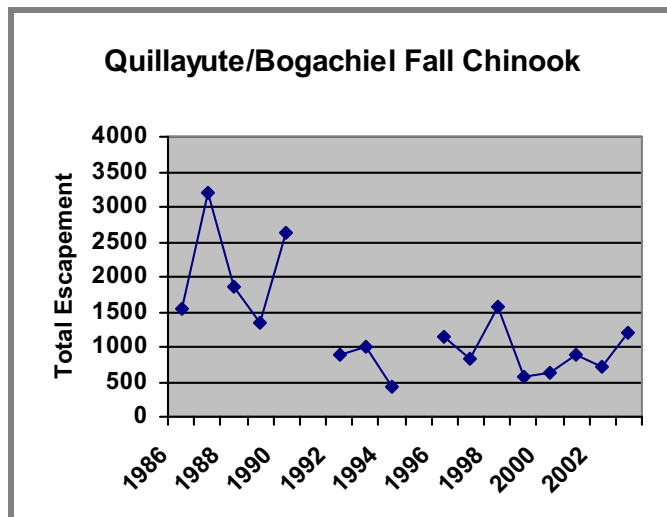
**2002 STATUS**

**Healthy**

## STOCK STATUS RATING DATA

**USEFULNESS FOR RATING STOCK STATUS:** Good

YEAR	TOTAL ESCAPEMENT
1986	1,540
1987	3,210
1988	1,853
1989	1,350
1990	2,615
1991	No data
1992	881
1993	991
1994	432
1995	No data
1996	1,133
1997	833
1998	1,564
1999	563
2000	638
2001	868
2002	711
2003	1,198



Data are total escapement estimates based on redd counts in index areas on the mainstem Bogachiel River (RM 0.0 to 31.0, RM 5.0 to 8.7, RM 8.7 to 15.7 and RM 19.2 to 20.2).

There is no evidence of a significant negative trend, and current spawning distribution is thought to be similar to the historic distribution. Stock status is again rated **Healthy** in 2002.

## STOCK DEFINITION

Quillayute/Bogachiel fall Chinook were identified as a stock based on their distinct spawning distribution, later river entry timing (September to late November), and spawning timing.

**SPAWNING DISTRIBUTION:** Most spawning takes place in the mainstem Bogachiel River and Bear Creek. In high-flow years, smaller Bogachiel River tributaries may also be utilized. Fewer redds are seen in the mainstem Quillayute River, except during low-flow years.

**SPAWNING TIMING:** Spawning generally occurs from late October to early December.

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**GENETIC ANALYSIS:** Genetic analysis has not been done on Quillayute/Bogachiel fall Chinook stock.

## STOCK ORIGIN

This is a **native** stock with **wild** production.